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3100 CENTRAL EXPRESSWAY  
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## FAX TRANSMITTAL SHEET

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Date:	December 20, 2004	From:	Paul A. Stone Reg. No. 38,628
To:	Commissioner of Patents P.O. Box 1450 Alexandria, VA 22313-1450	Fax No:	(703) 872-9306
		Docket No.	2000-022R

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Number of pages included in this fax: 6

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In re Application of:	Bergh et al.	Confirmation No.	4042
Serial No.:	09/801,390	Group Art Unit:	1743
Filed:	3/7/01	Examiner:	Soderquist, A.
For:	Parallel Flow Process Optimization Reactor		

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Dear Sir:

Enclosed please find copies of the following documents to be filed regarding the above identified patent application:

- Transmittal (2 pages in duplicate)
- Statement of Substance of Interview (1 page)

Please enter these into the file and contact us if necessary.

Respectfully Submitted,  
Paul A. Stone  
Reg. No. 38,628

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## CERTIFICATE OF TRANSMISSION BY FACSIMILE

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BY:

  
Suzanne Shelley

Docket No. 2000-022R

PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Bergh et al.

Serial No.: 09/801,390

Filed: 3/7/01

For: Parallel Flow Process Optimization  
Reactor

Confirmation No. 4042

Group Art Unit: 1743

Examiner: Soderquist, A.

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Transmitted herewith (check all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Preliminary Amendment             | <input type="checkbox"/> Supplemental Information Disclosure Statement  |
| <input type="checkbox"/> Response/Amendment                | <input type="checkbox"/> Petition Under 37 CFR 1.97(d)(2)               |
| <input type="checkbox"/> Response/Amendment After Final    | <input type="checkbox"/> Formal Drawings                                |
| <input type="checkbox"/> Supplemental Amendment            | <input type="checkbox"/> Declaration Under 37 CFR 1.131                 |
| <input type="checkbox"/> Affidavits/Declarations           | <input type="checkbox"/> Declaration Under 37 CFR 1.132                 |
| <input type="checkbox"/> Declaration and Power of Attorney | <input type="checkbox"/> Terminal Disclaimer                            |
| <input type="checkbox"/> Supplemental Declaration          | <input type="checkbox"/> Small Entity Statement                         |
| <input type="checkbox"/> Associate Power of Attorney       | <input type="checkbox"/> Request for Refund                             |
| <input type="checkbox"/> Change of Correspondence Address  | <input type="checkbox"/> Appeal   |
| <input type="checkbox"/> Associate Power of Attorney       | <input type="checkbox"/> Petition                                       |
| <input type="checkbox"/> Response to Missing Parts         | <input checked="" type="checkbox"/> Statement of Substance of Interview |

to be filed in the above-identified patent application.

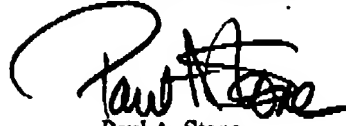
☒ No fee is required.

☒ The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 C.F.R. § 1.16, in connection with the paper(s) transmitted herewith, or credit any overpayment of same, to Deposit Account No. 50-0496.

A duplicate copy of this Transmittal Letter is transmitted herewith.

Docket No. 2000-022R  
**PATENT**

Respectfully submitted,



Paul A. Stone  
Reg. No. 38,628  
Attorney for Applicant(s)

Date: Dec. 20.04

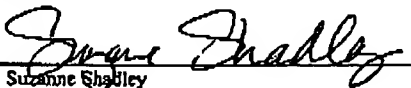
Symyx Technologies, Inc.  
3100 Central Expressway  
Santa Clara, California 95051  
Tel.: (408) 773-4027  
Fax: (408) 773-4029

Docket No. 2000-022R  
PATENT

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BY:

  
Suzanne ShadleyRECEIVED  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Bergh et al.

Serial No.: 09/801,390

Filed: 3/7/01

For: Parallel Flow Process Optimization  
Reactor

Confirmation No. 4042

Group Art Unit: 1743

Examiner: Soderquist, A.

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450TRANSMITTAL LETTER

Sir:

Transmitted herewith (check all that apply):

- |  |   |
|--|---|
| <input type="checkbox"/> Preliminary Amendment             | <input type="checkbox"/> Supplemental Information Disclosure Statement  |
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| <input type="checkbox"/> Response to Missing Parts         | <input checked="" type="checkbox"/> Statement of Substance of Interview |

to be filed in the above-identified patent application.

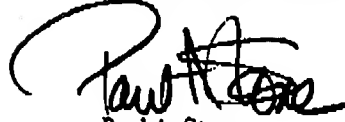
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A duplicate copy of this Transmittal Letter is transmitted herewith.

Docket No. 2000-022R  
*PATENT*

Respectfully submitted,



Paul A. Stone  
Reg. No. 38,628  
Attorney for Applicant(s)

Date: Dec. 20.04

Symyx Technologies, Inc.  
3100 Central Expressway  
Santa Clara, California 95051  
Tel.: (408) 773-4027  
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Docket No. 2000-022R

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BY:

  
Suzanne Shadley

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Bergh et al.

Serial No.: 09/801,390

Filed: 3/7/01

For: Parallel Flow Process Optimization  
Reactor

Confirmation No. 4042

Group Art Unit: 1743

Examiner: Soderquist, A.

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

## STATEMENT OF SUBSTANCE OF INTERVIEW

Sir:

This Statement of Substance of Interview is submitted pursuant to 37 CFR 1.133(b), regarding the interview with the Examiner on November 18, 2004.

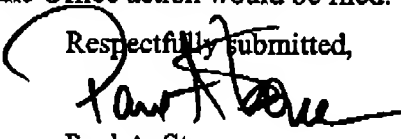
Applicants thank the Examiner for the courtesy of the aforementioned interview. During the interview, the claims were generally discussed, including claim features involving flow partitioning, pressure partitioning and/or varying feed composition, together with substantive issues pertaining thereto, as detailed in the outstanding Office action.

The Examiner suggested that it may be desirable to address embodiments of the invention directed toward varying feed composition in claims separate from those directed toward pressure partitioning or flow partitioning.

Applicants indicated that a response to the Office action would be filed.

Respectfully submitted,

Date Submitted:

Dec. 20.04  
Paul A. Stone  
Reg. No. 38,628

Symyx Technologies, Inc.  
3100 Central Expressway  
Santa Clara, CA 95051  
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